

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 31-R-0117  
CUSTOMER NUMBER: 28786

FORM APPROVED  
OMB NO. 0579-0036

2005  
**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

WIL LLC  
Wil Research Laboratories LLC  
1407 George Road  
Ashland, OH 44805

Telephone: (202)-434-7481  
419-289-8700

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

(b)(2)High, (b)(7)f

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS  (COLUMNS C + D + E)
4. Dogs	150	850	107	0	957
5. Cats	0	0	0	0	0
6. Guinea Pigs	60	615	17	8	640
7. Hamsters	0	0	0	0	0
8. Rabbits	215	2349	119	5	2473
9. Non-human Primates	280	153	8	0	161
10. Sheep	0	0	0	0	0
1. Pigs	32	14	0	0	14
2. Other Farm Animals	0	0	0	0	0
3. Other Animals	0	0	0	0	0

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and an Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

SIGNATURE

(b)(6), (b)(7)c

DATE SIGNED

11-30-05

*Handwritten signature*

**USDA Annual Report – 2005****Reporting Period-** October 1, 2004 through September 30, 2005**Facility Registration Number:** 31-R-0117**2005 Category E Animals**

Eight (8) Guinea Pigs were placed in Category 'E'.

Eight (8) Guinea Pigs may have experienced pain and/or distress during the conduct of a guinea pig dermal maximization study. These eight guinea pigs were involved in a study that was designed and conducted in compliance with EPA OPPTS Guideline 870.2600 (2003) and OECD Guidelines for Testing Chemicals, section 406 (1992). Dermal observations were made daily. The guinea pigs were evaluated daily by animal health technicians and other signs of pain and/or distress such as inappetence, weight loss or vocalization were not present.

Five (5 rabbits) were placed in Category "E".

Four (4) rabbits may have experienced pain and /or distress while involved in a total of three acute ocular irritation studies. These studies were designed and conducted in compliance with EPA OPPTS Guideline 870.2400 (1998) and OECD guideline 405 (2002). The purpose of these studies was to evaluate the irritative effects of the test materials when applied topically to the eye as a single administration to rabbits. The rabbits were evaluated daily by animal health technicians and the treated eyes were graded for severity of conjunctivitis, ocular discharge, hemorrhage of conjunctival tissue and degree of corneal damage. Only one rabbit showed signs of inappetence, weight loss, and self mutilation of toes, at such time, the diet was supplemented and an Elizabethan collar was applied. These findings were considered to be pharmacological effects of the test article. The other three rabbits showed no signs of inappetence, weight loss or vocalization

One (1) rabbit was in an acute dermal irritation study and may have suffered pain and/or distress from corrosive skin lesions. The purpose of this study was to evaluate the irritative effects of the test material when applied topically to the skin as a single administration to rabbits. This study was designed and conducted in compliance with EPA OPPTS guideline 870.2500 (1998) and OECD Guidelines for Testing Chemicals, section 404 (2002). This rabbit was evaluated daily by animal health technicians and the condition of the skin was graded for the severity of erythema, edema, eschar formation and fissuring present at the application site, Other signs of pain and/or distress such as inappetence, weight loss, or vocalization were not observed.

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**USDA Annual Report – 2005**

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**IACUC approved reportable exceptions to the Animal Welfare Act**

92 Beagle dogs used in Telemetry Cardiovascular Assessment Studies were implanted with DSI telemetry implants and exempted from exercise during the 14 day surgical recovery period. These animals were given regular opportunity for exercise and socialization prior to and after a 14 day surgical recovery. During the surgical recovery period, dogs were given daily contact and interaction with the technical staff and well as visual, auditory and olfactory stimuli from other dogs in the room.